

Converting Colors

YUV(109.0480, 14.7663,
117.4759)

Have a look what the booklet for
YUV(109.0480, 14.7663, 117.4759)
contains.

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Color

**YUV(109.0480, 14.7663,
117.4759)**

Conversions

Conversions Part 1

Format	Color
Hex	F3238B
RGB	243, 35, 139
RGB Percent	95%, 14%, 55%
CMY	0.0471, 0.8627, 0.4549
CMYK	0.00, 0.86, 0.43, 0.05
HSL	330°, 90%, 55%
HSV	330°, 86%, 95%
XYZ	42.2234, 22.1208, 26.4704
YIQ	109.0480, 90.5840, 76.4400

Conversions

Conversions Part 2

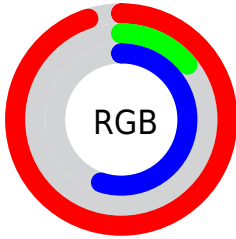
Format	Color
R_{YB}	243, 35, 139
Decimal	15934347
CIE _{Lab}	54.15, 79.12, -3.87
CIE _{LCh}	54, 79.214, 357.202
Yxy	22.1208, 0.4649, 0.2436
Android (android.graphics.Color)	4294124427 (0xFFFF3238B)
YUV	109.0480, 14.7663, 117.4759
Hunter-Lab	47.0328, 77.9398, -0.4459

Details

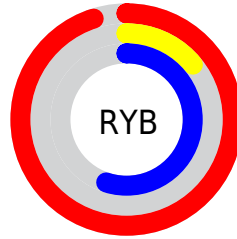
The YUV color **109.0480, 14.7663, 117.4759** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **168.9520, -14.7663, -117.4759**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.5290, 15.0222, 81.9741**, and **64.2650, 12.1944, 102.3766** is the 20% darker color. If you saturate the color by 10%, you get **93.5920, 16.4701, 131.0308**, and if you desaturate by 10%, it is **124.5040, 13.0625, 103.9210**.

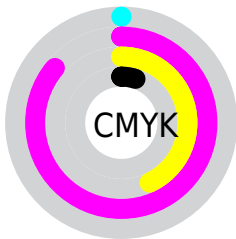
Distribution



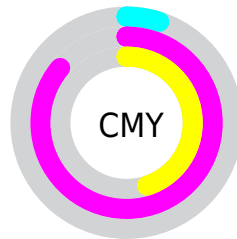
- Red (95%)
- Green (14%)
- Blue (55%)



- Red (95%)
- Yellow (14%)
- Blue (55%)



- Cyan (0%)
- Magenta (86%)
- Yellow (43%)
- Black (5%)





- Cyan (5%)
- Magenta (86%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.0480, 14.7663, 117.4759 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 109.0480, 14.7663, 117.4759 by changing the saturation by 10% instead.


 109.0480, 14.7663,
117.4759


 109.0480, 14.7663,
117.4759


255.0000, 0.0000,
0.0000


 76.3840, 18.5447,
118.9352


 161.5290, 15.0222,
81.9741


 64.2650, 12.1944,
102.3766


 182.9180, 18.2814,
63.2159

 52.3740, 6.7176,
85.6180


 203.8340, 22.2668,
44.8726

 40.8960, 1.5303,
69.3742

 222.1280, 16.2059,
28.8287

 29.6460, -2.7835,
52.9305

 239.7380, 7.5242,
13.3848

 18.2820, -7.5340,
36.5867

 6.8770, -3.3904,

14.1399

■ 0.0000, 0.0000,
0.0000

■ 109.0480, 14.7663,
117.4759

■ 109.0480, 14.7663,
117.4759

■ 93.5920, 16.4701,
131.0308

■ 124.5040, 13.0625,
103.9210

■ 86.4510, 17.0327,
137.2935

■ 140.5470, 11.0693,
89.8513

■ 156.0030, 9.3655,
76.2964

■ 171.5730, 8.0985,
62.6415

■ 187.0290, 6.3947,
49.0866

■ 203.0720, 4.4015,
35.0169

■ 218.5280, 2.6977,
21.4619

■ 233.9840, 0.9939,
7.9070

■ 250.0270, -0.9993,
-6.1627

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



128.0920, 37.9156, 65.6943



109.0480, 14.7663, 117.4759



112.5630, -19.9976, 114.3932

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



109.0480, 14.7663, 117.4759



112.6450, -55.5340, -14.5977



118.3280, 62.4493, -103.7737

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



109.0480, 14.7663, 117.4759



168.9520, -14.7663, -117.4759

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



115.1070, 37.4152, -100.9488



109.0480, 14.7663, 117.4759



95.7560, -24.0367, -83.9780

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



109.0480, 14.7663, 117.4759



121.8130, -60.0538, 35.2440



106.5400, 7.1288, -93.4356



111.2500, 70.8688, -97.5662

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



109.0480, 14.7663, 117.4759



118.5580, -46.1241, 94.2266



106.5400, 7.1288, -93.4356



117.7920, 55.3185, -103.3036

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



109.0480, 14.7663, 117.4759



212.4960, 4.6855, 37.2760



89.8080, 75.5237, 43.1414



102.2400, 2.8397, 22.5915



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



109.0480, 14.7663, 117.4759



90.8370, 18.3214, 143.9710



97.1920, -30.6607, 127.8736



114.2720, 0.8519, 6.7775



66.2160, 13.2045, 105.0506



20.9470, 3.9701, 33.3725

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



109.0480, 14.7663, 117.4759



90.8370, 18.3214, 143.9710



180.8080, 30.6607, -127.8736



114.2720, 0.8519, 6.7775



66.2160, 13.2045, 105.0506



20.9470, 3.9701, 33.3725

Previews

White Background



This preview shows how the YUV color 109.0480, 14.7663, 117.4759 looks on a white background.

Color Contrast Check

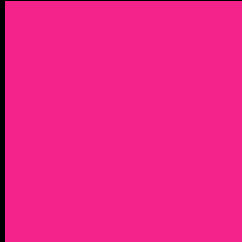
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 109.0480, 14.7663, 117.4759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 109.0480, 14.7663, 117.4759 Background



This preview shows how black text looks on a background with the YUV color 109.0480, 14.7663, 117.4759.

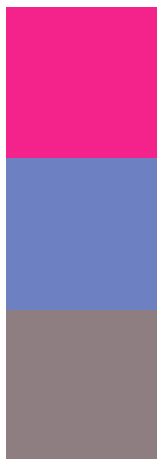


This preview shows how white text looks on a background with the YUV color 109.0480, 14.7663, 117.4759.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

109.0480, 14.7663, 117.4759

Protanopia

129.5440, 31.7768, -18.8941

Deuteranopia

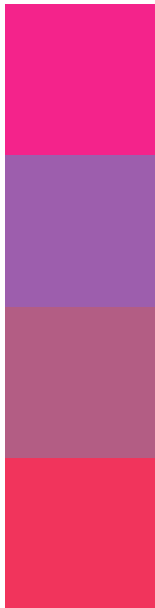
131.4250, -1.1955, 10.1513



Tritanopia

115.2650, -24.7806, 108.5156

Trichromacy



Original Color

109.0480, 14.7663, 117.4759

Protanomaly

121.9570, 25.6572, 30.7327

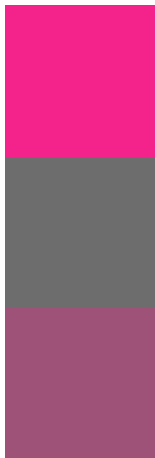
Deuteranomaly

123.2740, 4.7949, 48.8717

Tritanomaly

112.7720, -10.2406, 111.5790

Monochromacy



Original Color

109.0480, 14.7663, 117.4759

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.0560, 5.3954, 42.9239

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.0480, 14.7663, 117.4759 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(243, 35, 139)` looks like.

```
.text, #text, p{  
  color:rgb(243, 35, 139)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(243, 35, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 35, 139) }
```

Border

The CSS property to change the border of an element to YUV 109.0480, 14.7663, 117.4759 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(243, 35, 139) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(243, 35, 139) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(243, 35, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 35, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 35, 139);  
box-shadow:4px 4px 4px 4px rgb(243, 35,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 109.0480, 14.7663, 117.4759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 35, 139) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(243, 35,  
139) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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